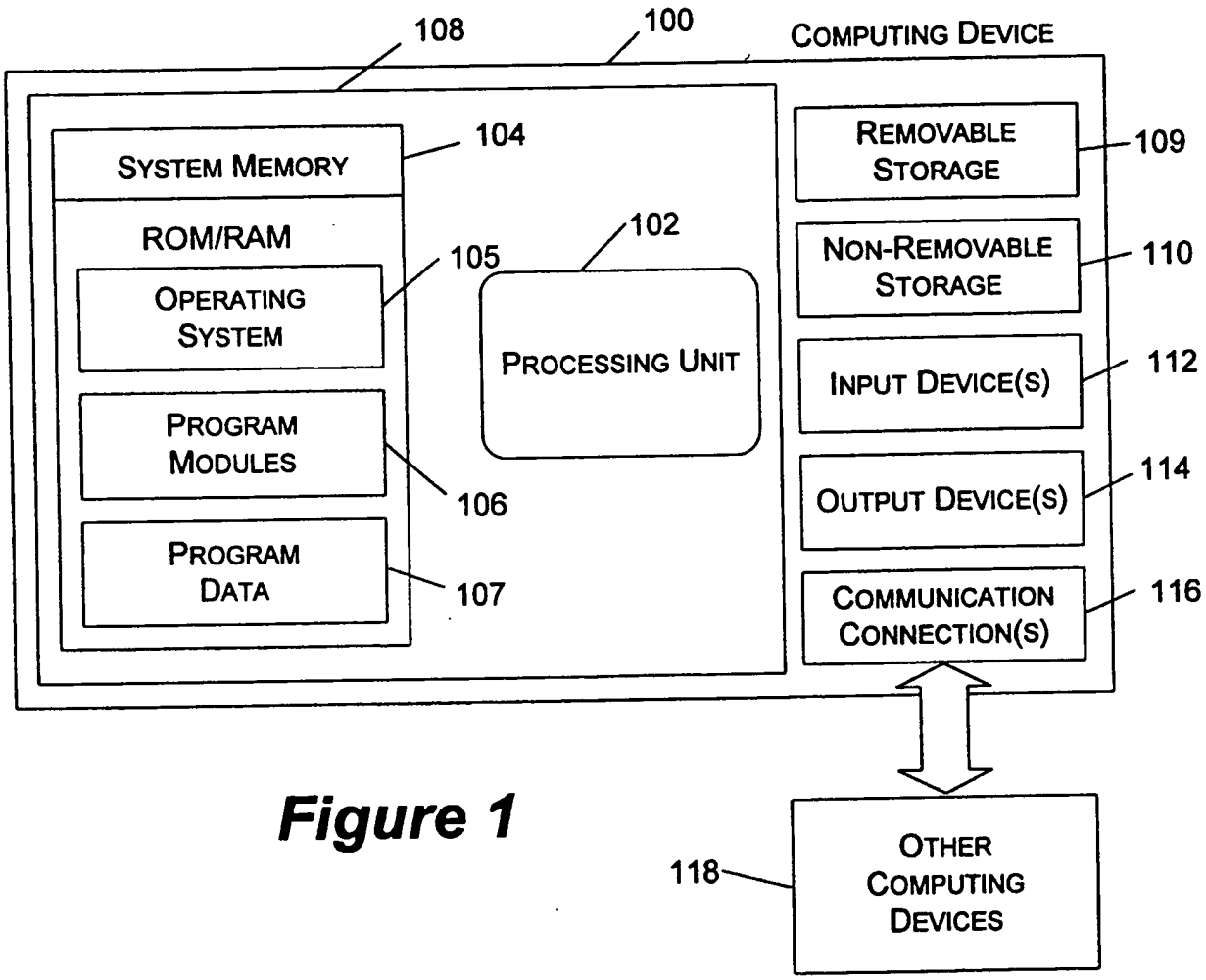

108
100
COMPUTING DEVICE
SYSTEM MEMORY
104
ROM/RAM
105
OPERATING SYSTEM
PROGRAM MODULES
106
PROGRAM DATA
107
102
PROCESSING UNIT
REMOVABLE STORAGE
109
NON-REMOVABLE STORAGE
110
INPUT DEVICE(S)
112
OUTPUT DEVICE(S)
114
COMMUNICATION CONNECTION(S)
116
118
OTHER COMPUTING DEVICES

Figure 1

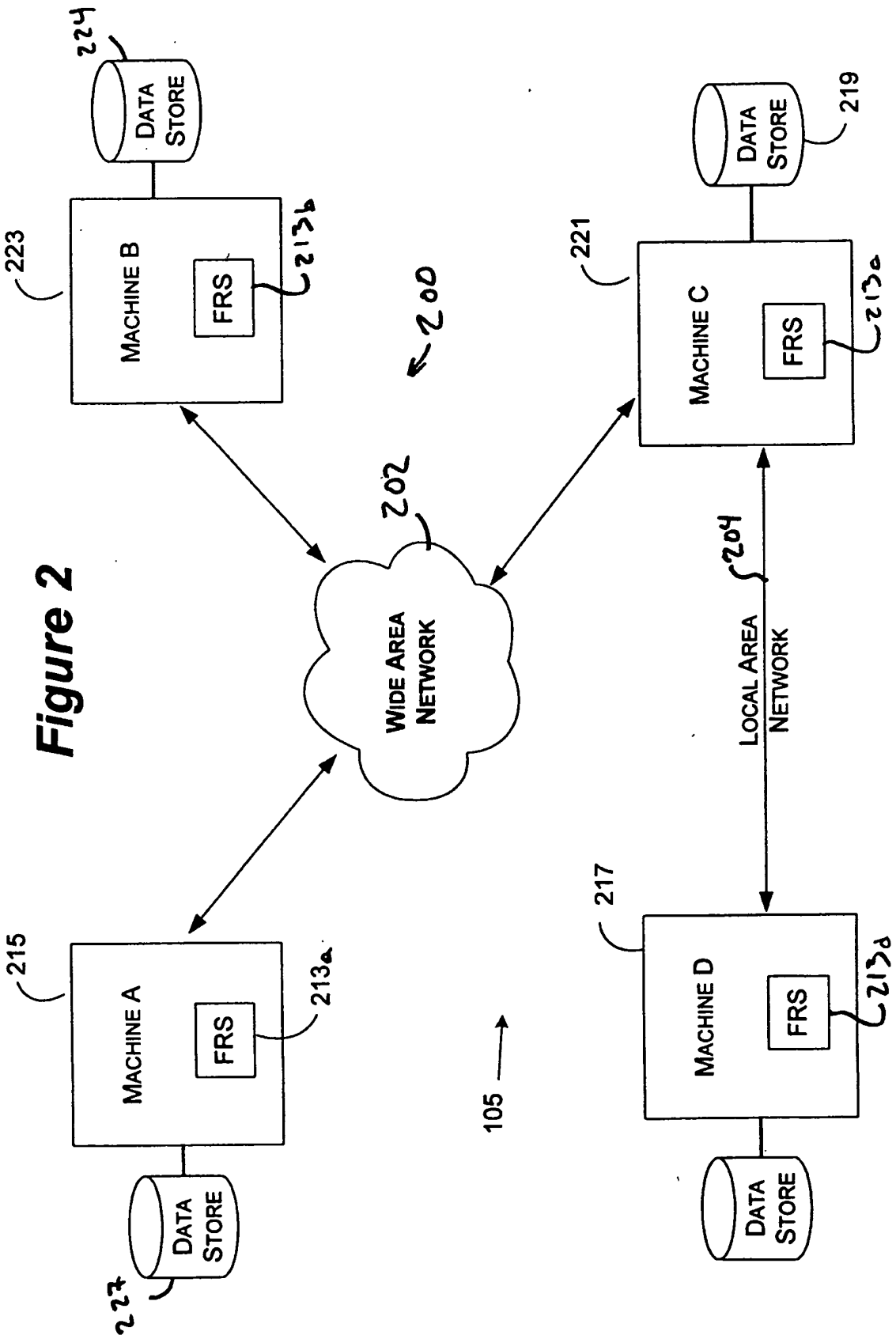

224
DATA STORE
223
MACHINE B
FRS
213b
200
221
MACHINE C
FRS
213c
219
DATA STORE
202
WIDE AREA NETWORK
204
LOCAL AREA NETWORK
215
MACHINE A
FRS
213a
217
MACHINE D
FRS
213d
105
DATA STORE
227
DATA STORE

Figure 2

1-10-2004 14:50:00 PM

Figure 3

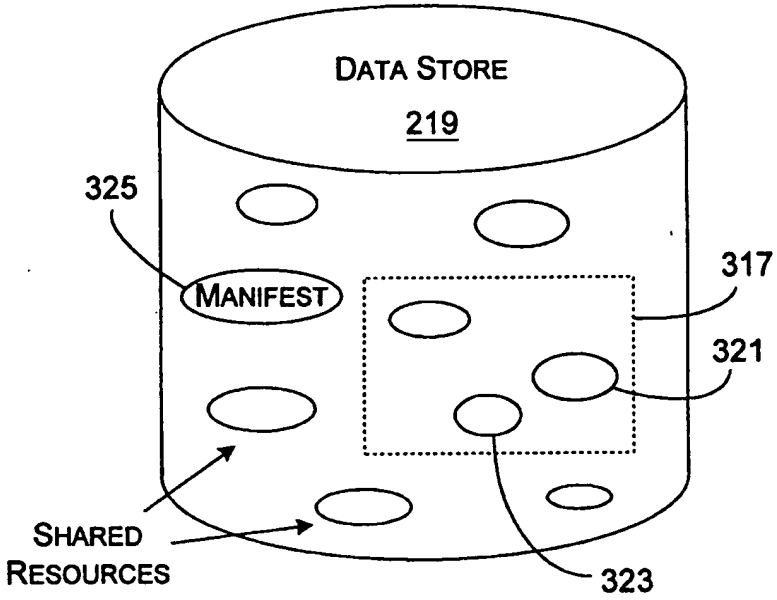
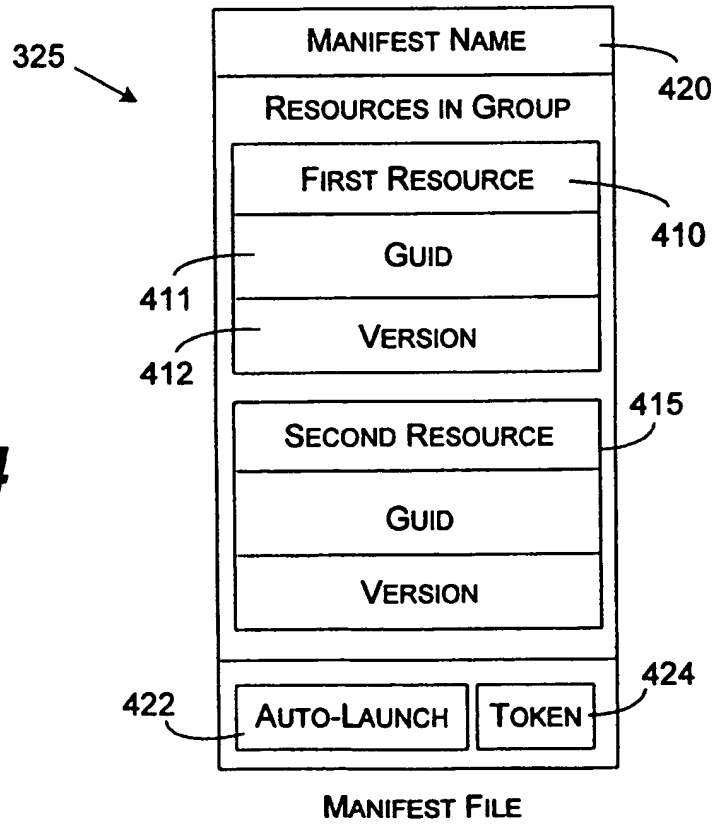


Figure 4



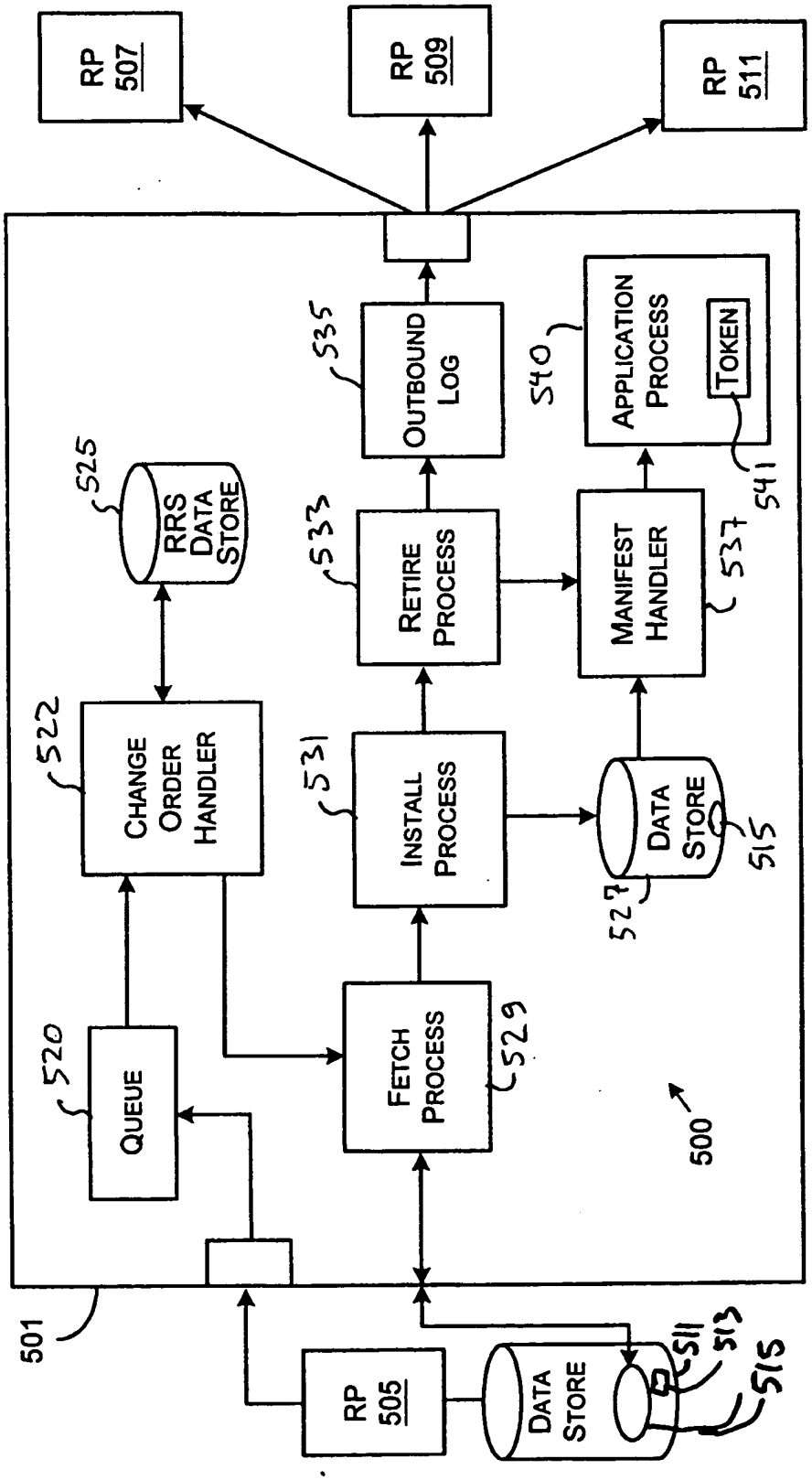

RP 507
RP 509
RP 511
OUTBOUND LOG
535
APPLICATION PROCESS
TOKEN
540
541
RRS DATA STORE
525
RETIRE PROCESS
533
MANIFEST HANDLER
537
CHANGE ORDER HANDLER
522
INSTALL PROCESS
531
DATA STORE
515
527
QUEUE
520
FETCH PROCESS
529
500
501
RP 505
DATA STORE
511
513
515

FIGURE 5

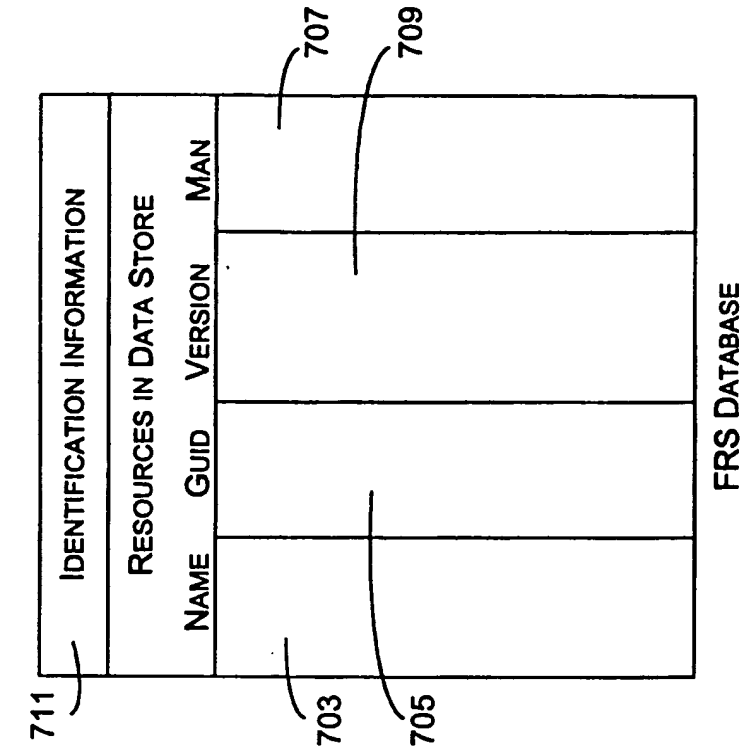


Figure 7

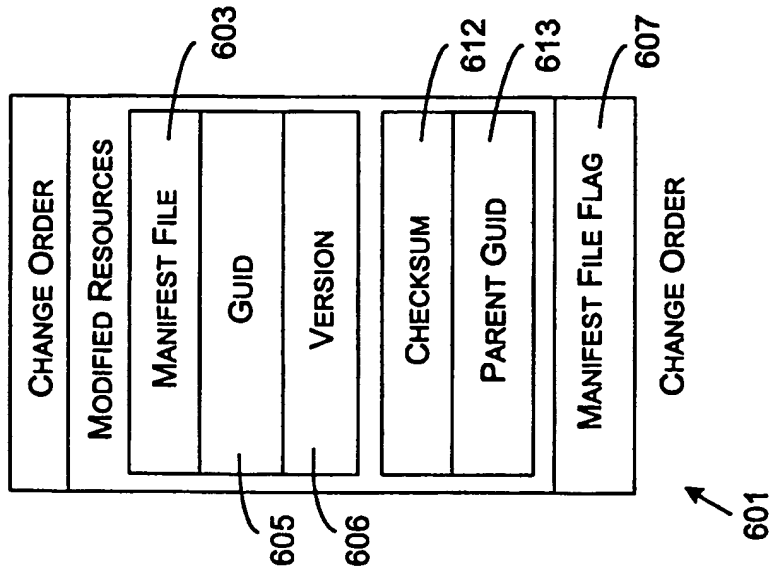


Figure 6

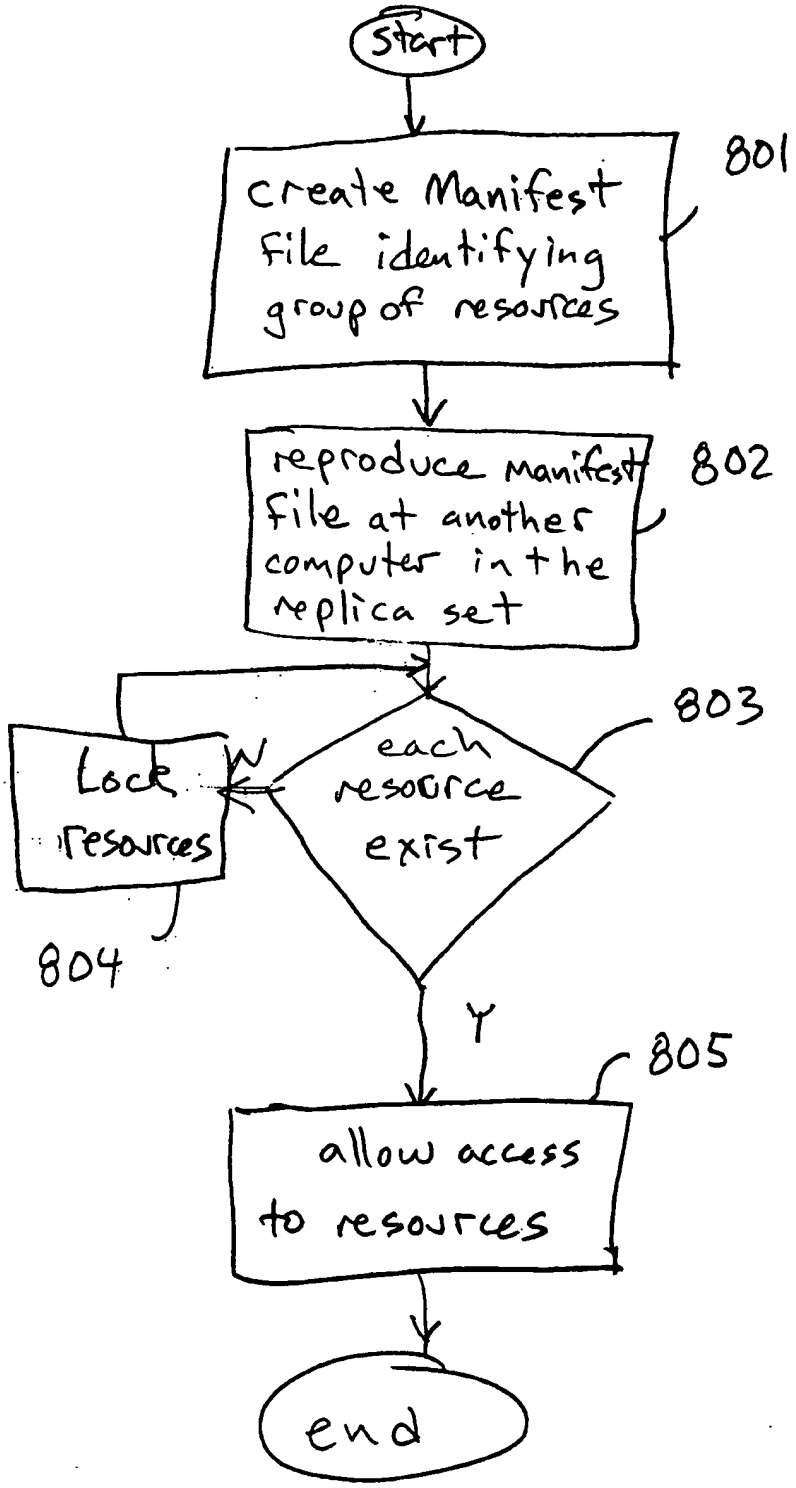

Start
create Manifest file identifying group of resources
801
reproduce manifest file at another computer in the replica set
802
each resource exist
803
N
Lock resources
804
Y
allow access to resources
805
end
800

Figure 8